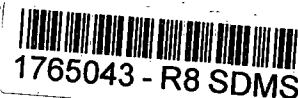


A-0399



STATE OF COLORADO

# BUREAU OF MINES

State Capitol, Denver

FRED JONES, *Commissioner of Mines*

# ANNUAL REPORTS

for the Years 1942 and 1943



THE BRADFORD-ROBINSON Ptg. Co., DENVER

Lease on No. 1 tunnel is producing a small but steady tonnage of oxide lead ore.

The Erie and Superior claims were the largest producers of lead-zinc sulphides in the district until midwinter when operations stopped until spring weather cleared the roads of snow. Work began recently on new prospecting and development passed over while their large ore bodies were being mined.

The Rawley No. 12 tunnel was retimbered during 1943 and new rails laid to the shaft several thousand feet from the portal. A compressor and other equipment were installed preparatory to developing known zinc-lead sulphide ores.

The Warwick group through its several tunnels is producing a fair tonnage of oxide ores for silver, lead, zinc; also some sulphide ores for silver, lead, zinc, and copper content. A large tonnage was shipped from the Bonanza, Cocomongo and other dumps in the Bonanza district during the past year.

The St. Louis mine shipped considerable carbonate lead ores during late 1943. Since that time and until within the past few months, only the water was kept pumped out of the lower workings. Recently, however, new prospecting has opened up some lead carbonate ores for future shipments.

The Eagle-Hawk group inactive since 1922 is being opened for examination by the Barium Steel Company. The shaft is in a collapsed condition and must be retimbered for some distance before the underground examination can be made.

#### **DISTRICT No. 4 by D. C. McNaughton**

War demands have changed the picture of the mining industry in District No. 4 considerably during 1943. Properties whose production was principally gold have either ceased operations for the duration or turned their attention from gold-bearing ores to veins of other minerals, as copper, lead and zinc.

The great carnotite deposits of western Montrose, San Miguel, and Mesa Counties produced quantities of vanadium, used in the manufacture of alloy steel, also of radio-active uranium, which has various war-time uses.

Tungsten, manganese, platinum, molybdenum and beryllium are among the products of District No. 4.

**Dolores County**—Of outstanding importance in this county, is the Rico-Argentine, which operated its mine and mill continuously during 1943, producing large tonnages of lead, zinc and copper.

This company has consolidated several famous old mines under one management. An extensive program of diamond drilling was carried on.

There was also considerable vanadium mined in this county. There were some leasing operations and considerable prospecting during the year.

**Hinsdale County**—Besides mining and milling lead and zinc ores, considerable prospecting and sampling was done in this county during 1943.

Smuggler	Silver Plume	Mile High Mining Company	West 38th & Howell Avenue, Wheatridge	Gold, Silver, Lead, Zinc
Stanley	Idaho Springs	J. B. Furstenberg	1120 20th Street, Denver	Gold, Silver, Cop- per, Lead, Zinc
Stevens	Silver Plume	H. V. George, Lessee	Cosmopolitan Hotel, Denver	Gold, Silver, Lead, Zinc
Tolland County	Idaho Springs	Utze Lode Company	108 Van Buren Avenue, West Hartford, Conn.	Gold, Silver, Lead, Zinc
Urad	Empire	Molybdenum Corporation of America	Empire	Molybdenum

### OPERATING MINES IN CUSTER COUNTY, 1943

Name of Mine	Location	Operator	P. O. Address	Character of Product
Crescent	Florence	Alkin and Decker	Wetmore	Gold
Deceiver Shaft	Westcliffe	A. F. Nicholson	Box 44, Silver Cliff	Silver, Lead, Zinc
Defender	Westcliffe	H. R. Henning and Associates	Silver Cliff	Silver, Lead
Keystone	Westcliffe	Dick Colgate and William Hoge	Westcliffe	Silver, Lead, Zinc
Lady Franklin	Silver Cliff	Adolph M. Poston	Canon City	Copper, Lead, Zinc
Maxine Elliott	Westcliffe	Grice and Kynner	Cripple Creek	Silver, Lead, Zinc
New Hermon	Westcliffe	W. C. Cavender	Westcliffe	Silver, Lead, Zinc
P. D. Q.	Silver Cliff	W. C. Cavender	Silver Cliff	Copper, Lead, Zinc
Superior	Florence	Thos. Blunt, W. I. Looney, Jack Elshour and Frank Holman	Florence	Gold

### OPERATING MINES IN DOLORES COUNTY, 1943

Name of Mine	Location	Operator	P. O. Address	Character of Product
Atlantic Cable	Rico	Rico Argentine Mining Company	132 So. Main St., Salt Lake City, Utah	Gold, Silver, Lead, Zinc
Barlow	Rico	Louis and J. G. Dunning	Rico	Vanadium
Black Hawk	Rico	Rico Argentine Mining Company	132 So. Main St., Salt Lake City, Utah	Gold, Silver, Lead, Zinc
Nora Lily	Rico	Mrs. Elizabeth Pellett	Rico	Gold, Silver, Cop- per, Lead, Zinc
Pro Patria	Rico	Rico Argentine Mining Company	132 So. Main St., Salt Lake City, Utah	Gold, Silver, Lead, Zinc
Rico-Argentine	Rico	Rico Argentine Mining Company	132 So. Main St., Salt Lake City, Utah	Gold, Silver, Lead, Zinc

## OPERATING MINES IN DOLORES COUNTY, 1943—Continued

Name of Mine	Location	Operator	P. O. Address	Character of Product
Stock Pile of Metals Reserve Company	Dove Creek	Metals Reserve Company	Electric Building, Grand Junction	Vanadium
Van Winkle	Rico	Rico Argentine Mining Company	132 So. Main St., Salt Lake City, Utah	Gold, Silver, Lead, Zinc

## OPERATING MINE IN EAGLE COUNTY, 1943

Name of Mine	Location	Operator	P. O. Address	Character of Product
Eagle	Battle Mountain	New Jersey Zinc Company, Empire Zinc Division	Gilman	Copper, Lead, Zinc

## OPERATING MINES IN FREMONT COUNTY, 1943

Name of Mine	Location	Operator	P. O. Address	Character of Product
Horseshoe	Cotopaxi	Monarch Galena Company	Box 115, Cotopaxi	Copper, Lead, Zinc
Gumaer	Canon City	L. D. Christison and Associates	Canon City	Lead, Zinc

## OPERATING MINES IN GARFIELD COUNTY, 1943

Name of Mine	Location	Operator	P. O. Address	Character of Product
Garfield	Rifle	Metals Reserve Company	Grand Junction	Vanadium
Garfield Vanadium	East Rifle Creek	U. S. Vanadium Corporation	30 East 42d St., New York City	Vanadium
Rifle Creek	Rifle	U. S. Vanadium Corporation	30 East 42d St., New York City	Vanadium

## OPERATING MINES IN GILPIN COUNTY, 1943

Name of Mine	Location	Operator	P. O. Address	Character of Product
Anchor	Central City	V. C. Lasswell	Box 232, Central City	Gold, Silver, Lead, Zinc
Boodle	Central City	Lowell Griffith, Trustee	Central City	Silver, Lead, Zinc
Bullion	Central City	Victory Metals Ltd.	602 Denham Bldg., Denver	Gold, Silver, Lead, Zinc
Gold Cup	Central City	Mid Continent Metals Corporation	Idaho Springs	Gold, Silver, Lead, Zinc
Golden Dollar	Russell Gulch	R. I. Hughes	Arvada	Gold, Silver, Lead, Zinc